Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121116.D
Acq On : 29 Jul 2020 22:33
Operator : JU/CG
Sample : L3436-20MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20MSD

Manual Integrations APPROVED
mohammad
7/30/2020 3:34:00 PM

Quant Time: Jul 30 06:18:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	181935	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	676990	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	323807	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	550058	20.00	ng		0.00
76) Chrysene-d12	13.97	240	459949	20.00	ng		0.00
86) Perylene-d12	15.43	264	389552	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	149767	13.50	ng		0.00
7) Phenol-d6	6.44	99	182616	12.74	ng		0.00
23) Nitrobenzene-d5	7.36	82	104551	8.94	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	41062	11.59	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	217780	10.04	ng		0.00
79) Terphenyl-d14	12.91	244	194924	9.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	24240	4.746	ng		97
3) Pyridine	3.26	79	46089	3.392	ng		99
4) n-Nitrosodimethylamine	3.16	42	28093	4.835	ng	#	93
6) Aniline	6.46	93	74550	3.984	ng	#	86
8) 2-Chlorophenol	6.59	128	62492	5.111	ng		98
9) Benzaldehyde	6.35	77	44874	3.648	ng		98
10) Phenol	6.46	94	82156	5.210	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	61109	5.056	ng		97
12) 1,3-Dichlorobenzene	6.75	146	67247	5.073	ng		98
13) 1,4-Dichlorobenzene	6.82	146	68693	5.211	ng		99
14) 1,2-Dichlorobenzene	6.97	146	65364	5.241	ng		99
15) Benzyl Alcohol	6.95	79	46333	4.570	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	82515	4.737	ng		95
17) 2-Methylphenol	7.07	107	50406	4.652	ng		98
18) Hexachloroethane	7.32	117	10509	2.203	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	43383	5.322	ng		97
20) 3+4-Methylphenols	7.22	107	66369	4.815	ng	#	72
22) Acetophenone	7.21	105	91621	6.030	ng	#	91
24) Nitrobenzene	7.39	77	61659	4.890	ng		98
25) Isophorone	7.62	82	114457	4.902	ng		95
26) 2-Nitrophenol	7.70	139	18291	3.054	ng		92
27) 2,4-Dimethylphenol	7.75	122	53719	5.525	ng		94
28) bis(2-Chloroethoxy)methane	7.83	93	73000	5.122	ng		99
29) 2,4-Dichlorophenol	7.96	162	49248	4.956	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	55510	5.035	ng		98
31) Naphthalene	8.11	128	228121	6.569	ng		99
33) 4-Chloroaniline	8.16	127	61395	3.963	ng		99
34) Hexachlorobutadiene	8.23	225	33139	5.099	ng		96
35) Caprolactam	8.49	113	14642	4.595	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	50686	4.974	ng		99
37) 2-Methylnaphthalene	8.80	142	142543	6.322	ng		98
38) 1-Methylnaphthalene	8.90	142	133048	6.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	54354	5.761	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	32719	4.926	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	33951	4.506	ng		96
46) 1,1'-Biphenyl	9.26	154	148604	6.016	ng		99
47) 2-Chloronaphthalene	9.29	162	106452	5.286	ng		97
48) 2-Nitroaniline	9.39	65	32765	5.384	ng		99
49) Acenaphthylene	9.70	152	229306	7.330	ng		98
50) Dimethylphthalate	9.56	163	165385	7.080	ng		99
51) 2,6-Dinitrotoluene	9.62	165	18710	3.728	ng		91
52) Acenaphthene	9.87	154	131799	6.626	ng		99
53) 3-Nitroaniline	9.79	138	31483	5.002	ng		89
55) Dibenzofuran	10.05	168	171698	5.969	ng		97
56) 4-Nitrophenol	9.97	139	31155	6.516	ng		93
57) 2,4-Dinitrotoluene	10.03	165	20464	3.105	ng		87
58) Fluorene	10.39	166	163840	7.637	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	23929	4.171	ng	#	93
60) Diethylphthalate	10.26	149	119517	5.058	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	56503	4.938	ng		99
62) 4-Nitroaniline	10.40	138	33254	5.423	ng		95
63) Azobenzene	10.54	77	102375	4.551	ng		98
66) n-Nitrosodiphenylamine	10.50	169	101322	5.855	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	32195	5.250	ng		95
68) Hexachlorobenzene	10.94	284	34077	5.137	ng	#	88
69) Atrazine	11.03	200	25323	5.909	ng		98
70) Pentachlorophenol	11.14	266	22906	6.027	ng		99
71) Phenanthrene	11.35	178	535059	18.914	ng		99
72) Anthracene	11.40	178	292224	10.287	ng		99
73) Carbazole	11.56	167	169004	5.995	ng		100
74) Di-n-butylphthalate	11.89	149	183415	5.638	ng		97
75) Fluoranthene	12.54	202	811457	25.878	ng		99
77) Benzidine	12.66	184	44103	3.647	ng		98
78) Pyrene	12.77	202	833807	25.641	ng		99
80) Butylbenzylphthalate	13.39	149	71224	4.913	ng		94
81) Benzo(a)anthracene	13.96	228	456188	16.379	ng		96
82) 3,3'-Dichlorobenzidine	13.92	252	50779	4.832	ng		99
83) Chrysene	14.00	228	444179	15.175	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	105186	5.884	ng		99
85) Di-n-octyl phthalate	14.56	149	168767	4.745	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.86	276	211318	7.800	ng		98
88) Benzo(b)fluoranthene	15.00	252	395308	16.788	ng		97
89) Benzo(k)fluoranthene	15.03	252	228978m	10.663	ng		
90) Benzo(a)pyrene	15.36	252	309737	14.417	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	114361	5.168	ng	#	93
92) Benzo(g,h,i)perylene	17.29	276	188609	8.644	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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